

FIG. 1

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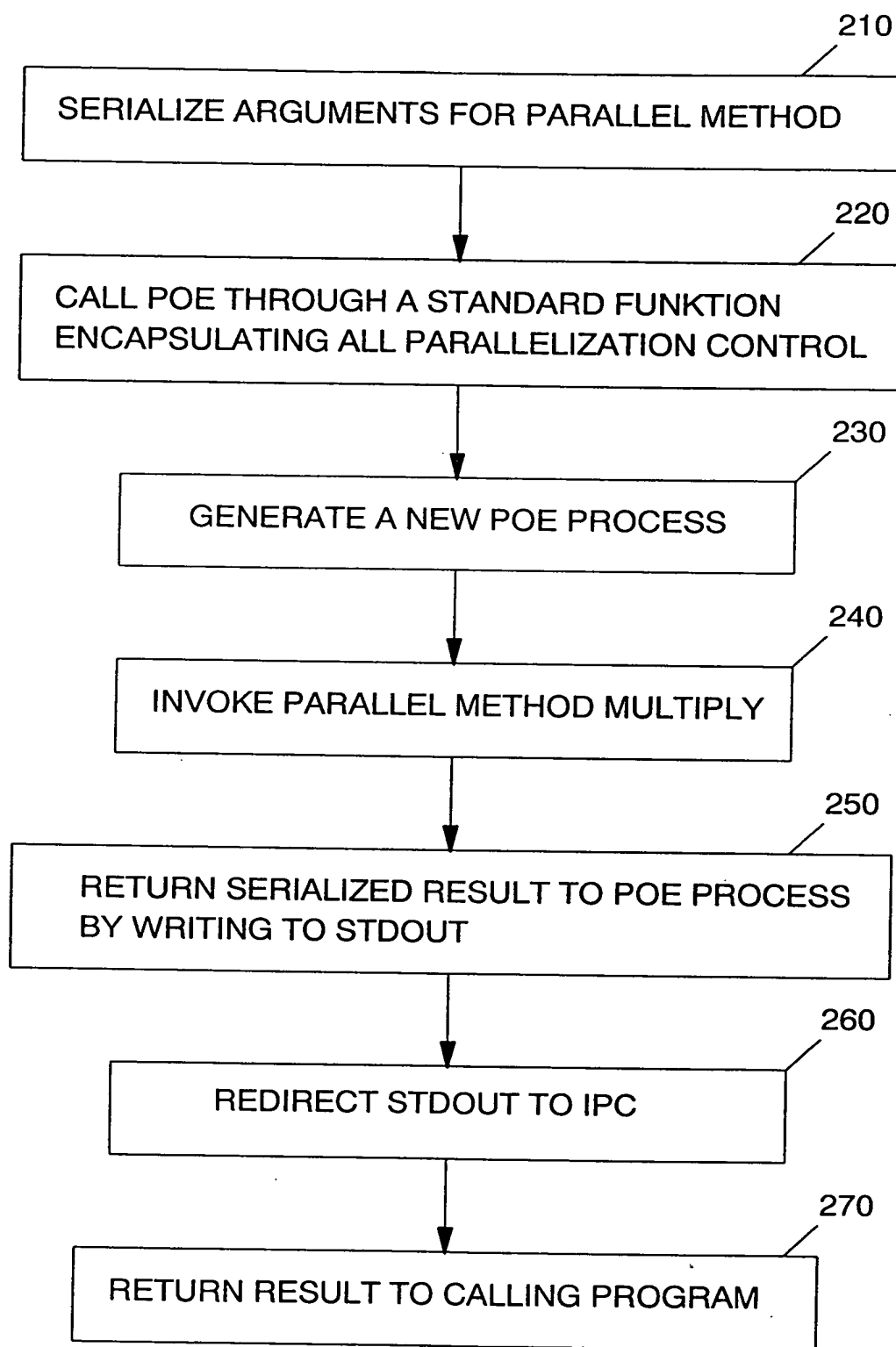


FIG.2

09748450 122600

00922T" 05484460

| | calling the parallel method (PM) (read column top down) | returning result from parallel method (PM) (read column bottom up) |
|--|---|---|
| Original program (OP) - user code | 210: serialize arguments for PM 220: procedural poe call of PM with serialized arguments | 280: deserialize result in result variable |
| Original Program (OP) - procedural POE call | 221: derive name of parallel subprogram (PSP) from name of PM 222: set up IPC connection to poe process to be created 230: spawn POE process with name of PSP and serialized arguments | 270 : move result from IPC connection to result variable |
| poe process | 235: invoke PSB at least once | 260: redirect standard output from PSP to IPC connection to OP |
| parallel subprogram | 240: call PM with command line arguments as method arguments | 250: return serialized result of PM to POE by writing it to standard output |

Fig. 3